

Mbsm.pro, Donper, compressor,
aluminum, wire, R600a, R134a,
Exemple, a100cy1, 1/5 hp, 93 w, Lbp,
R600a

Category: compressor

written by Jamila | 14 October 2022



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D系列 D Series																		
D25RZ1	1/10	2.5	5	RSIR	32	44	57	67	80	100	135	168	214	51	0.95	0.72		F1C
D25RZ1A	1/10	2.5	5	RSIR	32	44	57	67	80	100	135	168	214	51	1.10	0.94		F1C
Dk25RZ1	1/10	2.5	5	RSOR	34	46	59	68	82	102	136	170	215	54	1.30	0.99	12	F1C
D21RZ1	1/13	2.1	5	RSIR	22	30	45	55	66	86	100	130	160	40	1.0	0.79		F1C
Dk21RZ1	1/14	2.1	5	RSOR	22	30	45	55	66	86	100	130	160	40	1.30	0.99	12	F1C
220~240V 50/60Hz R134a (铜线电机 Aluminium wire motor)																		
D25DZ1	1/10	2.5	5	RSIR	32	44	57	67	80	100	135	168	214	51	0.95	0.72		F1C
115~127V 60Hz R134a (铜线电机 Aluminium wire motor)																		
L系列 L Series																		
L056XZ1	1/4	5.6	5	RSOR	88	130	192	210	257	323	396			160	1.56	1.18	12	F1C

测试工况 Test Condition

测试工况 Test Condition	低背压LBP		高背压HBP	
	ASHRAE	EN14813	ASHRAE	EN14813
蒸发温度 Evap Temp. °C	-23.3	-25	7.2	5
环境温度 Amb Temp. °C	32.2	32	35	32
冷凝温度 Cond Temp. °C	54.4	55	54.4	55
吸气温度 Suction Temp. °C	32.2	32	35	32

单位换算 Conversion Table

Kcal/hX1.163=W
 Kcal/hX3.98=Btu/h
 WX3.412=Btu/h
 WX0.864=Kcal/h
 Capacity(at50Hz)X1.16=Capacity(at60Hz)
 EER=COPX3.412

主要参数变动范围 Tolerance of main performance data

制冷量 Capacity ±95%

性能系数 COP ≥96%

以上COP数据不含启动器功耗 About data doesn't include the power consumption of the startor

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S系列 S Series																		
S63CY1	1/10	5.3	5	RSIR	41	49	65	75	90	115	142			57	1.28	1.0		F1C
S65CY1	1/8	6.5	5	RSIR	52	67	87	95	119	148	183			72	1.41	1.10		F1C
S65CY1A	1/8	6.5	5	RSIR	52	67	87	95	119	148	183			72	1.46	1.14		F1C
S65CY1B	1/8	6.5	5	RSIR	52	67	87	95	119	148	183			72	1.50	1.17		F1C
S75CY1	1/7	7.5	5	RSIR	65	79	104	120	134	171	216			91	1.30	1.03		F1C
S80CY1	1/6	8	5	RSIR	87	102	125	137	164	208	270			106	1.30	1.03		F1C
S153CY1	1/13	5.6	5	RSOR	41	49	65	75	90	115	142			57	1.45	1.13	4	F1C
S153CY1A	1/8	6.5	5	RSOR	52	67	87	95	119	148	183			72	1.55	1.21	4	F1C
S175CY1	1/7	7.5	5	RSOR	65	79	104	120	134	171	216			91	1.53	1.20	4	F1C
S180CY1	1/6	8	5	RSOR	87	102	125	137	164	208	270			106	1.50	1.17	4	F1C
S190CY1	1/8	6	5	RSOR	52	67	87	95	119	148	183			72	1.63	1.27	3	F1C
S175CY1	1/7	7.5	5	RSOR	65	79	104	120	134	171	216			91	1.63	1.27	3	F1C
S180CY1	1/6	8	5	RSOR	87	102	125	137	164	208	270			104	1.60	1.25	4	F1C
S260CY1	1/8	6	5	RSOR	52	67	87	95	119	148	183			72	1.73	1.35	3	F1C
S275CY1	1/7	7.5	5	RSOR	65	79	104	120	134	171	216			91	1.72	1.34	3	F1C
S160CY1	1/8	6	5	RSOR	52	67	87	95	119	148	183			72	1.80	1.40	2.5	EPTC

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型号 Model	功率 Power	气缸排量 Displacement	冲程方式 Cycle type	电机类型 Motor Type	制冷量 Cooling Capacity										OOP			运行电流 Run Current	启动电流 Start Current	启动器类型 Start starter
					kW										kW	kW	kW			
					-35	-30	-25	-23.3	-20	-15	-10	-5	0	-25	-23.3	-20	μF			
LSP																				
220-240V 50Hz R600a(铜线电机 Aluminium wire motor)																				
A系列 A Series																				
A100CY1	1/8	5.8	S	RSIR	52	57	67	90	119	148	183			70.7	1.42	1.11	3	PTC		
A100CY1	1/8	5.8	S	RSIR	52	57	67	90	119	148	183			71	1.35	1.07		PTC		
D系列 D Series																				
D40CY1	1/14	4	S	RSIR	26	34	43	50	65	70	90			38	1.00	0.75		PTC		
D50CY1	1/10	5.3	S	RSIR	41	49	65	75	90	115	142			57	1.16	0.90		PTC		
D60CY1A	1/10	5.3	S	RSIR	41	49	65	75	90	115	142			57	1.25	0.99		PTC		
S系列 S Series																				
S60CY1	1/10	5.3	S	RSIR	41	49	65	75	90	115	142			57	1.28	1.0		PTC		
S60CY1	1/8	6.5	S	RSIR	52	57	67	95	119	148	183			72	1.41	1.15		PTC		
S60CY1A	1/8	6.5	S	RSIR	52	57	67	95	119	148	183			72	1.48	1.14		PTC		
S60CY1B	1/8	6.5	S	RSIR	52	57	67	95	119	148	183			72	1.60	1.17		PTC		
S70CY1	1/7	7.5	S	RSIR	65	79	104	120	134	171	216			91	1.30	1.03		PTC		
S80CY1	1/6	9	S	RSIR	87	102	125	137	164	208	270			106	1.30	1.03		PTC		

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